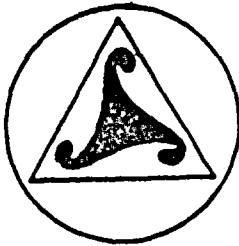


FOR INFORMATION ONLY

C-3

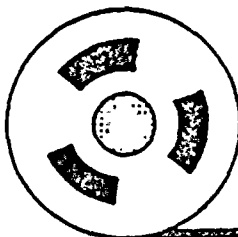


STONE & WEBSTER
ENGINEERING CORPORATION
BOSTON, MASSACHUSETTS

CORPORATE STANDARD

EQUIPMENT
IDENTIFICATION
CODES

JAN. 3, 1978



POWER INDUSTRIES GROUP

8604280283 860415
PDR ADDCK 05000410
PDR

100



100

CORPORATE STANDARD C-3

POWER INDUSTRIES GROUP

EQUIPMENT IDENTIFICATION CODES

1. PURPOSE - The one (1) to four (4) letter code identifies power plant equipment.
2. SCOPE - The codes are applicable to Power Industries Group projects.
3. APPLICATION - The codes are used in all project documents.
4. CUSTODIAN - The Control Systems Division, Stone & Webster Engineering Corporation, Boston, is responsible for code maintenance.
5. DISTRIBUTION - The Computer Department, Stone & Webster Engineering Corporation, Boston, maintains the code in computer files.

FORMAT AND APPLICATION OF
EQUIPMENT IDENTIFICATION NUMBERS

- A. GENERAL - Equipment must be identifiable by a simple yet meaningful method in order to allow control during all phases of plant design and construction.

This document, in conjunction with the Corporate Standard for Power Plant System Codes (C-1), provides the basis for the application of Stone & Webster Equipment Identification Numbers (EI Nos).

- B. PROCEDURE - Equipment Identification Numbers must be used in all project documents such as specifications, drawings, computer files. The EI No is formatted as follows:

1 2 3 4 5 6 7 8 9 10 11 12 CHARACTERS MAX

1CWS-1PNL12A

↑ ↑ ↑ ↑ ↑

(1) (2) (3) (4) (5)

1. Unit Number - The first character is always the unit number. If the number of units exceeds nine (9), a unique system can be developed dependent on station configuration. Equipment that is common to more than one unit, such as switchyards, is identified with a zero (0).

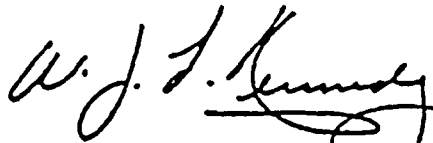


2. System Code - The system code is selected from C-1.
3. Divider - The fifth character divides the EI No for easier reading. Nuclear safety related equipment is divided by an asterisk (*), all other equipment by a dash (-).
4. Equipment Code - The equipment code is selected from this standard, and may consist of one, two, three or four letters. The code is intended to be generic and no attempt should be made to define different species of generic equipment.

Codes may not be combined to create new codes in the same EI No.

5. Equipment Identifier - This part of the EI No uniquely identifies similar items within a system. The first character must be a numeral. The remaining characters may be numbers or letters. Letters should be used to convey information pertaining to two or more pieces of equipment performing the same function.

As a minimum, one numeral may appear as an equipment identifier. A maximum of six characters is possible in cases where the equipment code consists of only one letter.



W. J. L. Kennedy
Senior Engineering Manager



EQUIPMENT EXCEPT INSTRUMENTS

ACB	CIRCUIT BREAKER, AIR
ACD	AIR CONTROL DEVICE
ACH	CHAMBER, AIR
ACT	ACTUATOR
ACU	AIR CONDITIONING UNIT
ACUS	AIR CONDITIONING UNIT, SELF CONTAINED
AD	ANODE
ADS	ADSORBER
AF	ARRESTOR, FLAME
AHU	AIR HANDLING UNIT
AMPL	AMPLIFIER
ANT	ANTENNA
AOD	DAMPER, AIR OPERATED
AOL	LOUVER, AIR OPERATED
AP	PANEL, ACCESS
APH	PREHEATER, AIR
ARV	AIR RELEASE VALVE
ASP	SEPARATOR, AIR
B	BOILER
BAT	BATTERY
BD	BUS DUCT
BKR	BREAKER
BL	BLENDER
BO	SOIL BORING
BPD	POTENTIAL DEVICE, BUSHING
BTC	TEST CABINET, BREAKER
BUS	BUS
C	COMPRESSOR
CAB	CABINET
CABP	CABINET, PENETRATION
CAP	CAPACITOR (ELECTRICAL)
CB	CATCH BASIN
CBV	VALVE, CONTINUOUS BLOWDOWN
CCT	TEST, CONCRETE COMPRESSION
CH	COIL, HEATER
CHGR	CHARGER, BATTERY
CHL	CHILLER, LIQUID
CHUT	CHUTE
CIV	COMBINED INTERMEDIATE VALVE
CLC	COIL, COOLING
CLR	CLARIFIER
CND	CONDENSER (MECHANICAL)
CNDT	CONDITIONER
CNSL	CONSOLE
CNV	CONVEYOR
CO	CLEANOUT
COLL	COLLECTOR
COOL	COOLER
CP	COMPUTER
CPD	POTENTIAL DEVICE, COUPLING TYPE
CRH	CRUSHER
CRN	CRANE OR HOIST
CSK	CASK



EQUIPMENT EXCEPT INSTRUMENTS

CUB	CUBICLE,ELECTRICAL
CUR	CONDENSING UNIT, REFRIGERANT
CVV	CONVEYANCE VEHICLE (DOLLY,HANDTRUCK,ETC)
CWS	SEAL, WATER CAVITY
CYL	CYLINDER
D	DRUM
DA	DEAERATOR
DCL	COOLER,DRAIN
DEH	DEHUMIDIFIER
DEMN	DEMINERALIZER
DESH	DESUPERHEATER
DIFF	DIFFUSER
DMP	DAMPER
DMPF	DAMPER,FIRE
DMST	DEMISTER
DNF	DRAIN,FLOOR
DNR	DRAIN,ROOF
DO	DOOR
DRA	DOOR,ACCESS
DRY	DRYER
DTH	TEST HOLE, DUCT
DWC	COOLER,DRINKING WATER
E	EXCHANGER,HEAT
ED	-DRAIN,EQUIPMENT
EDU	EDUCTOR
EFV	VALVE,EXCESS FLOW
EG	ENGINE GENERATOR
EJ	JOINT, EXPANSION
EL	ELEVATOR
ENC	ENCAPSULATION
ENG	ENGINE
EV	EVAPORATOR
EXC	EXCITER
FCD	CLEANOUT,FLOOR
FDR	FEEDER
FHR	REEL,FIRE HOSE
FHY	HYDRANT,FIRE
FL	FLANGE
FLI	FLANGE,INSULATING
FLS	FLANGE,SPECTACLE
FLT	FILTER
FLTM	FILTER,MOTOR OPERATED
FLTT	FILTER, AIR, TEMPORARY
FLU	FILTER TRAIN
FN	FAN
FO	ORIFICE,FLOW
FP	CONNECTION,FLOW
FPV	FIRE PROTECTION VALVE
FSU	SPLITTER UNIT, FLOW
FTG	FITTING,PIPE OR SHT. MTL. DUCT
FUN	FUNNEL
FUR	FURNACE
FX	VANES,STRAIGHTENING



EQUIPMENT EXCEPT INSTRUMENTS

G	GENERATOR
GA	EQUIPMENT, GARAGE
GATE	GATE
GCR	GAS RECYCLE UNIT, CRYOGENIC.
GDR	GRINDER
GEAR	GEAR, DRIVE
GL	GENERATOR LEADS
GLC	COOLER, GENERATOR LEADS
GRL	GRILLE
GRU	GAS REMOVAL UNIT
H	HEATER
HD	HOOD
HDS	SWITCH, DISCONNECT, HAND OPERATED
HDST	HAND OR HEADSET
HH	HANDHOLE
HOSE	HOSE, ALL TYPES
HR	RACK, HOSE
H/A	SWITCH, CONTROL, HAND AUTOMATIC
HS	SWITCH, HAND
HSS	SWITCH, HAND SELECTOR
HUM	HUMIDIFIER
HVU	UNIT, HEATING & VENTILATING
IB	INLET BASIN
ICV	CONNECTION, VACUUM CLEANING
IND	INDUCTOR
INV	INVERTER
IOE	EXCHANGER, ION
IPB	BUS, ISOLATED PHASE
IPNL	PANEL, INSTRUMENT
J	EJECTOR
JB	BOX, JUNCTION
JIS	JET IMPINGEMENT SHIELD
JK	JACK, JACK PANEL
KIE	EQUIPMENT, KITCHEN
KYBD	KEYBOARD
LAV	LAVATORY
LDC	LOAD CENTER
LFT	LIFTING EQUIPMENT
LNR	LINER
LTA	ARRESTOR, LIGHTNING
LTR	ROD, LIGHTNING
LTRY	ROD, LIGHTNING, SWITCHYARD
LTU	TUNER, LINE
LVR	LOUVER, NONPOWERED
LVRE	LOUVER ELECTRICAL
M	MOTOR, ELECTRIC
MCB	MAIN CONTROL BOARD
MCC	MOTOR CONTROL CENTER
MCS	MOTOR CONTROL CENTER, SPECIAL
MCV	MAIN CONTROL VALVE, TURBINE
MDS	SWITCH, DISCONNECT, MOTOR OPERATED
MFD	MANIFOLD
MG	MOTOR GENERATOR



EQUIPMENT EXCEPT INSTRUMENTS

MH	MAN HOLE
MIKE	MICROPHONE
MIX	MIXER
MIXB	BOX, MIXING
MIXP	MIXER, FORWARDING
MOD	DAMPER, MOTOR OPERATED
MOL	LOUVER, MOTOR OPERATED
MOV	VALVE, MOTOR OPERATED
MSP	MOISTURE SEPARATOR
MST	STARTER, MAGNETIC
MSV	MAIN STOP VALVE, TURBINE
NOZ	NOZZLE
NRV	VALVE, NON-RETURN
NSA	ASSEMBLY, NEUTRON SOURCE
OCB	CIRCUIT BREAKER, OIL
ODR	ODORIZER
OSC	OSCILLOGRAPH
OV	SIGHT OVERFLOW
OWR	OXYGEN & WATER REMOVAL UNIT
P	PUMP
PB	STARTER, MANUAL (PUSH BUTTON W OR W/O IND LTS)
PH	PIPE HANGER
PHD	POTHEAD
PIL	PILINGS FOUNDATION
PLAT	PLATFORM
PLC	POLE, COMMUNICATIONS
PLP	POLE, POWER
PNL	PANEL
PP	PIPING
PRE	PRESSURIZER
PREC	PRECIPITATOR
PRR	PIPE RUPTURE RESTRAINT (SNUBBERS)
PSA	PIPE SUPPORT ANCHOR
PSG	PIPE SUPPORT GUIDE
PSR	PIPE SUPPORT RESTRAINT
PSRH	PIPE SUPPORT ROD
PSS	PIPE SUPPORT SLIDING
PSSH	PIPE SUPPORT SPRING
PSSP	PIPE SUPPORT SUPPRESSOR
PSST	PIPE SUPPORT STRUT
PULV	PULVERIZER (COAL)
PUR	PURIFIER
PWRS	POWER SUPPLY
R	REGISTER
RAK	RACK OR STORAGE STAND
RBNR	RECOMBINER
RBRS	RADIAL SHEAR BAR ASSEMBLIES
RBW	WELD REINFORCING BAR
RCP	REACTOR CONTAINMENT PENETRATION
RCPT	POWER RECEPTACLE
RDMA	ROD DRIVE MECHANISM, PART LENGTH
RDMF	ROD DRIVE MECHANISM, FULL LENGTH
RECT	RECTIFIER



EQUIPMENT EXCEPT INSTRUMENTS

REP	REFRIGERATION UNIT
REG	REGULATOR
REN	REGENERATOR
RES	RESISTOR
REV	REACTOR VESSEL
RFV	VENTILATOR, ROOF, GRAVITY
RHE	RHEOSTAT
RIV	REHEAT INTERCEPT VALVE, TURBINE
RLY	RELAY
RODA	REACTOR ROD, PART LENGTH
RODF	REACTOR ROD, FULL LENGTH
RODP	REACTOR ROD, POISONING
RSV	REHEAT STOP VALVE, TURBINE
RTB	RESTRICTING TUBE
SAS	SINK, SAMPLE
SCA	SCALE, WEIGHING
SCAC	SELF CLEANING AIR CLEANER
SCB	BASKET, COLLECTION, TRASH, SCREENWELL
SCL	COOLER, SAMPLE
SER	RESERVOIR, EVAPORATION SUPPRESSION
SEW	SAFETY EYE WASH
SG	STEAM GENERATOR
SH	SUPERHEATER, ELECTRIC OR OIL FIRED
SHLD	SHIELDING
SHRD	ROD DRIVE MECHANISM, AIR COOLING SHROUD
SIL	SILENCER (INLET OR EXHAUST)
SILO	SILO
SIRN	SIREN
SKD	SKID
SKIM	SKIMMER
SL	SLING
SLU	LIFT UNIT, SEWERAGE
SMPT	SAMPLE POINT
SO	SCREENED OPENING
SOT	TEST, SOIL COMPACTION
SP	SEPARATOR
SPKR	LOUD SPEAKER
SRK	RAKES, SCREENWELL
SSC	SCREEN, TRAVELING
SSH	SHOWER
SSK	SINK, SERVICE
SSP	SURGE SUPPRESSOR, VOLUME CHAMBER
SSR	RACK, SCREENWELL
STAK	STACK OR CHIMNEY
STR	STRAINER, PERMANENT
STRF	STRAINER, SYSTEM FLUSH
STRT	STRAINER, TEMPORARY
STU	TREATMENT UNIT, SEWERAGE
SUMP	SUMP
SUP	SUPPORT, EQUIPMENT
SW	SWITCH
SWC	SWITCH, INDICATION AND CONTROL
SWG	SWITCHGEAR



EQUIPMENT EXCEPT INSTRUMENTS

SWS	SWITCH, SAFETY
T	TURBINE
TB	BOX, TERMINAL
TBK	BLOCK, TERMINAL
TBL	LUGS, TERMINAL
TD	TEMPERATURE DAMPER
TEL	TELEPHONE
TFT	TUBE, FUEL TRANSFER
TG	TURBINE, GAS
TH	THERMOSTAT
TK	TANK
TL	TOOL
TP	TEMPERATURE POINT
TRP	TRAP
TRS	SWITCH, TRANSFER
TVC	TELEVISION CAMERA
TVM	TELEVISION MONITOR
TW	THERMOWELL
TWR	TOWER
TX	POWER CONTROLLER, MODULATING
UC	COOLER, UNIT
UH	HEATER, UNIT
UHE	HEATER, UNIT, ELECTRIC
URN	URINAL
US	UNIT SUBSTATION
UV	UNIT VENTILATOR
V	VALVES (NON POWERED)
VAR	REACTIVE POWER
VEX	VALVE, EXPLOSIVE
WB	BALER (SOLID WASTE)
WC	WATER CLOSET
WCH	CEMENT HOPPER (SOLID WASTE)
WDR	DRUM ROLLER (SOLID WASTE)
WDW	WINDOW
WF	WASH FOUNTAIN
WH	WHISTLE
WVT	WAVE TRAP , ELECTRICAL
WW	WIREWAY (RACEWAY)
X	TRANSFORMER
XA	TRANSFORMER AUXILIARIES
XC	TRANSFORMER CURRENT
XCA	TRANSFORMER CURRENT AUXILARY
XD	TRANSFORMER DRISTRIBUTION
XG	TRANSFORMER GROUNDING
XL	TRANSFORMER LIGHTING
XM	TRANSFORMER MAIN
XNS	TRANSFORMER NORMAL STATION SERVICE
XP	TRANSFORMER POTENTIAL
XRC	TRANSFORMER REGULATING CONTROL
XS	TRANSFORMER STATION SERVICE
XSR	TRANSFORMER STATION RESERVE
Z	PENETRATION



INSTRUMENTS ONLY

A	ANALYZER	INST
AA	ALARM, ANALYZER	INST
AC	CONTROLLER, ANALYZER	INST
ACV	VALVE, CONTROL, ANALYZER, SELF ACTUATED	INST
AE	ANALYZER ELEMENT	INST
AI	INDICATOR, ANALYZER	INST
AIC	CONTROLLER, INDICATING, ANALYZER	INST
AIT	TRANSMITTER, INDICATING, ANALYZER	INST
AL	ALARM, AUDIBLE	INST
A/M	AUTOMATIC-MANUAL STATION	INST
ANN	ANNUNCIATOR	INST
AOV	VALVE, AIR OPERATED	INST
AR	RECORDER, ANALYZER	INST
ARC	CONTROLLER, RECORDING, ANALYZER	INST
AS	SWITCH, ANALYZER	INST
AT	TRANSMITTER, ANALYZER	INST
ATV	VALVE, TRIP, AIR OPERATED	INST
AV	VALVE, ANALYZER	INST
BE	DETECTOR ELEMENT, BURNER FLAME	INST
BI	INDICATOR, BURNER FLAME	INST
BS	SWITCH, BURNER	INST
CC	CONTROLLER, CONDUCTIVITY	INST
CE	CONDUCTIVITY ELEMENT	INST
CI	INDICATOR, CONDUCTIVITY	INST
CIC	CONTROLLER, INDICATING, CONDUCTIVITY	INST
CR	RECORDER, CONDUCTIVITY	INST
CRC	CONTROLLER, CONDUCTIVITY RECORDER	INST
CRS	SWITCH, CONDUCTIVITY RECORDER	INST
CS	SWITCH, CONDUCTIVITY	INST
CT	TRANSMITTER, CONDUCTIVITY	INST
CTV	VALVE, CONTAINMENT, TRIP	INST
CV	VALVE, CONDUCTIVITY	INST
DC	CONTROLLER, DENSITY	INST
DCV	VALVE, CONTROL, DENSITY	INST
DE	DENSITY ELEMENT	INST
DI	INDICATOR, DENSITY	INST
DIC	CONTROLLER, INDICATING, DENSITY	INST
DIT	TRANSMITTER, INDICATING, DENSITY	INST
DL	DELAY COIL	INST
DR	RECORDER, DENSITY	INST
DRC	CONTROLLER, RECORDING, DENSITY	INST
DS	SWITCH, DENSITY	INST
DSH	SWITCH, DENSITY, HIGH	INST
DSL	SWITCH, DENSITY, LOW	INST
DSPL	DISPLAY, CRT	INST
DT	TRANSMITTER, DENSITY	INST
DV	VALVE, DENSITY	INST
DX	SOURCE, DENSITY	INST
EI	INDICATOR, VOLTAGE	INST
ER	RECORDER, VOLTAGE	INST
ET	TRANSMITTER, VOLTAGE	INST
E/E	REPEATER	INST
E/H	CONVERTER, VOLTAGE TO HYDRAULIC	INST



INSTRUMENTS ONLY

E/I	CONVERTER, VOLTAGE TO CURRENT	INST
E/P	CONVERTER, VOLTAGE TO PNEUMATIC	INST
ES	SWITCH, VOLTAGE (COMPARATOR)	INST
ESH	SWITCH, VOLTAGE, HIGH	INST
ESL	SWITCH, VOLTAGE, LOW	INST
FA	ALARM, FLOW	INST
FC	CONTROLLER, FLOW	INST
FCV	VALVE, CONTROL, FLOW, SELF ACTUATED	INST
FD	DETECTOR, FIRE OR HEAT	INST
FE	FLOW ELEMENT	INST
FG	GLASS, FLOW	INST
FI	INDICATOR, FLOW	INST
FIC	CONTROLLER, INDICATING, FLOW	INST
FIS	SWITCH, INDICATING, FLOW	INST
FIT	TRANSMITTER, INDICATING, FLOW	INST
FQI	INDICATOR, QUANTITY, FLOW	INST
FR	RECORDER, FLOW	INST
FRC	CONTROLLER, RECORDING, FLOW	INST
FRIC	CONTROLLER, INDICATING, RECORDING, FLOW	INST
FS	SWITCH, FLOW	INST
FSH	SWITCH, FLOW, HIGH	INST
PSL	SWITCH, FLOW, LOW	INST
FT	TRANSMITTER, FLOW	INST
FV	VALVE, FLOW	INST
FY	RELAY, COMPUTING, SELECTING OR BOOSTER	INST
GC	CONTROLLER, GAGING	INST
GCT	RELAY, GAGING CONTROL	INST
GE	GAGING ELEMENT	INST
GI	INDICATOR, GAGING	INST
GIC	CONTROLLER, INDICATING, GAGING	INST
GNDS	SWITCH, GROUND	INST
GR	RECORDER, GAGING	INST
GRC	CONTROLLER, RECORDING, GAGING	INST
GS	SWITCH, GAGING	INST
GSH	SWITCH, GAGING, HIGH	INST
GSL	SWITCH, GAGING, LOW	INST
GT	TRANSMITTER, GAGING	INST
GV	VALVE, GAGING	INST
GX	SOURCE, GAGING	INST
HC	CONTROLLER, HAND	INST
HCV	VALVE, CONTROL, HAND	INST
HIC	CONTROLLER, INDICATING, HAND	INST
HICV	VALVE, CONTROL, INDICATING, HAND	INST
HOV	VALVE, HAND OPERATED	INST
HSV	VALVE, SELECTOR, HAND	INST
HV	VALVE, HAND	INST
HYV	VALVE, HYDRAULICALLY OPERATED	INST
IC	CONTROLLER, CURRENT	INST
IE	CURRENT ELEMENT	INST
II	INDICATOR, CURRENT	INST
IIC	CONTROLLER, INDICATING, CURRENT	INST
IL	INDICATOR LIGHT	INST
IR	RECORDER, CURRENT	INST

INSTRUMENTS ONLY

IRC	CONTROLLER, RECORDING, CURRENT	INST
I/H	CONVERTER, CURRENT TO HYDRAULIC	INST
I/E	CONVERTER, CURRENT TO VOLTAGE	INST
I/I	REPEATER, CURRENT	INST
I/P	CONVERTER, CURRENT TO PNEUMATIC	INST
IS	SWITCH, CURRENT	INST
ISH	SWITCH, CURRENT, HIGH	INST
ISL	SWITCH, CURRENT, LOW	INST
IT	TRANSMITTER, CURRENT	INST
JFI	INDICATOR, POWER FACTOR	INST
JFR	RECORDER, POWER FACTOR	INST
JI	INDICATOR, POWER	INST
JR	RECORDER, POWER	INST
JT	TRANSMITTER, POWER	INST
KC	CONTROLLER, TIME SCHEDULE	INST
KCS	PROGRAMMER (STEPPING SWITCH)	INST
KI	INDICATOR, TIME	INST
KS	SWITCH, TIME	INST
KSI	TIMER, INTERVAL	INST
KT	TRANSMITTER, TIME	INST
LA	ALARM, LEVEL	INST
LC	CONTROLLER, LEVEL	INST
LCV	VALVE, CONTROL, LEVEL, SELF ACTUATED	INST
LE	LEVEL ELEMENT	INST
LG	GLASS, LEVEL	INST
LGA	ALARM, LEVEL GLASS	INST
LI	INDICATOR, LEVEL	INST
LIC	CONTROLLER, LEVEL, INDICATING	INST
LIS	LEVEL INDICATING SWITCH	INST
LIT	TRANSMITTER, INDICATING, LEVEL	INST
LMTS	SWITCH, LIMIT	INST
LR	RECORDER, LEVEL	INST
LRC	CONTROLLER, RECORDING, LEVEL	INST
LS	SWITCH, LEVEL	INST
LSH	SWITCH, LEVEL, HIGH	INST
LSL	SWITCH, LEVEL, LOW	INST
LT	TRANSMITTER, LEVEL	INST
LTC	CONTROLLER, TRANSMITTING, LEVEL	INST
LV	VALVE, LEVEL	INST
LX	SOURCE, LEVEL	INST
LY	RELAY, LEVEL, COMPUTING, SELECTING OR BOOSTER	INST
LZ	DRIVE, LEVEL	INST
MC	CONTROLLER, MOISTURE	INST
ME	MOISTURE ELEMENT	INST
MI	INDICATOR, MOISTURE	INST
MIC	CONTROLLER, INDICATOR, MOISTURE	INST
MR	RECORDER, MOISTURE	INST
MRC	CONTROLLER, RECORDER, MOISTURE	INST
MS	SWITCH, MOISTURE	INST
MSH	SWITCH, MOISTURE, HIGH	INST
MSL	SWITCH, MOISTURE, LOW	INST
MT	TRANSMITTER, MOISTURE	INST
MV	VALVE, MOISTURE	INST



INSTRUMENTS ONLY

NBA	ALARM,VIBRATION	INST
NBE	VIBRATION ELEMENT	INST
NBI	INDICATOR,VIBRATION	INST
NBR	RECORDER,VIBRATION	INST
NBS	SWITCH,VIBRATION	INST
NBT	TRANSMITTER,VIBRATION	INST
NNA	ALARM,ECCENTRICITY	INST
NNE	ECCENTRICITY ELEMENT	INST
NNI	INDICATOR,ECCENTRICITY	INST
NNR	RECORDER,ECCENTRICITY	INST
NNS	SWITCH,ECCENTRICITY	INST
NNT	TRANSMITTER,ECCENTRICITY	INST
NXA	ALARM,EXPANSION	INST
NXE	EXPANSION ELEMENT	INST
NXI	INDICATOR,EXPANSION	INST
NXR	RECORDER,EXPANSION	INST
NXS	SWITCH,EXPANSION	INST
NXT	TRANSMITTER,EXPANSION	INST
PA	ALARM,PRESSURE	INST
PC	CONTROLLER,PRESSURE	INST
PCV	VALVE,CONTROL,PRESSURE,SELF ACTUATED	INST
PDCV	VALVE,CONTROL,PRESSURE DIFFERENTIAL,SELF. ACT	INST
PDI	INDICATOR,PRESSURE DIFFERENTIAL	INST
PDIC	CONTROLLER,INDICATING,PRESSURE DIFFERENTIAL	INST
PDIS	SWITCH,INDICATING,PRESSURE DIFFERENTIAL	INST
PDIT	TRANSMITTER,INDICATING,PRESSURE DIFFERENTIAL	INST
PDR	RECORDER,PRESSURE DIFFERENTIAL	INST
PDRC	CONTROLLER,RECORDING,PRESSURE DIFFERENTIAL	INST
PDRS	SWITCH,RECORDING,PRESSURE DIFFERENTIAL	INST
PDS	SWITCH,PRESSURE DIFFERENTIAL	INST
PDT	TRANSMITTER,PRESSURE DIFFERENTIAL	INST
PE	PRESSURE ELEMENT	INST
PI	INDICATOR,PRESSURE	INST
PIC	CONTROLLER,INDICATING,PRESSURE	INST
PIS	SWITCH,INDICATING,PRESSURE	INST
PISH	SWITCH,INDICATING,PRESSURE,HIGH	INST
PISL	SWITCH,INDICATING,PRESSURE,LOW	INST
PIT	TRANSMITTER,INDICATING,PRESSURE	INST
PR	RECORDER,PRESSURE	INST
PRC	CONTROLLER,RECORDING,PRESSURE	INST
P/I	CONVERTER,PNEUMATIC TO CURRENT	INST
PS	SWITCH,PRESSURE	INST
PSE	RUPTURE DISC	INST
PSH	SWITCH,PRESSURE,HIGH	INST
PSL	SWITCH,PRESSURE,LOW	INST
PSV	VALVE,PRESSURE,POWERED	INST
PT	TRANSMITTER,PRESSURE	INST
PTR	PRINTER	INST
PV	VALVE,PRESSURE	INST
PY	RELAY,COMPUTING,SELECTING OR BOOSTER,LEVEL	INST
QE	SOURCE,EVENT	INST
QQI	INDICATOR,COUNTING	INST
QQR	RECORDER,COUNTER	INST



INSTRUMENTS ONLY

QQS	SWITCH,COUNTER (IMPULSE COUNTER)	INST
QS	SWITCH,QUANTITY OR EVENT	INST
QX	SOURCE,QUANTITY	INST
RC	CONTROLLER,RADIOACTIVITY	INST
RE	RADIOACTIVITY ELEMENT, PRIMARY	INST
RI	INDICATOR,RADIOACTIVITY	INST
RIC	CONTROLLER,INDICATING,RADIOACTIVITY	INST
RO	ORIFICE,RESTRICTION	INST
RQ	RADIOACTIVITY ELEMENT	INST
RR	RECORDER,RADIOACTIVITY	INST
RRC	CONTROLLER,RECORDING,RADIOACTIVITY	INST
RS	SWITCH,RADIOACTIVITY	INST
RSH	SWITCH,RADIOACTIVITY,HIGH	INST
RSL	SWITCH,RADIOACTIVITY,LOW	INST
RT	TRANSMITTER,RADIOACTIVITY	INST
RTD	RESISTANCE TEMPERATURE DETECTOR	INST
RV	VALVE,RELIEF	INST
SC	CONTROLLER,SPEED	INST
SD	DETECTOR, SMOKE	INST
SI	INDICATOR,SPEED	INST
SIC	CONTROLLER,INDICATING,SPEED	INST
SOV	VALVE,SOLENOID	INST
SR	RECORDER,SPEED	INST
SRC	CONTROLLER,RECORDING,SPEED	INST
ST	TRANSMITTER,SPEED	INST
STV	VALVE,TRIP SOLENOID	INST
SV	VALVE,SAFETY	INST
TA	ALARM,TEMPERATURE	INST
TC	CONTROLLER,TEMPERATURE	INST
TCV	VALVE,CONTROL,TEMPERATURE,SELF ACTUATED	INST
TDI	INDICATOR,TEMPERATURE DIFFERENTIAL	INST
TDR	RECORDER,TEMPERATURE DIFFERENTIAL	INST
TDT	TRANSMITTER,TEMPERATURE DIFFERENTIAL	INST
TE	TEMPERATURE ELEMENT, PRIMARY	INST
TI	INDICATOR,TEMPERATURE	INST
TIC	CONTROLLER,INDICATING,TEMPERATURE	INST
TIS	SWITCH,INDICATING,TEMPERATURE	INST
TISH	SWITCH,INDICATING,TEMPERATURE,HIGH	INST
TISL	SWITCH,INDICATING,TEMPERATURE,LOW	INST
TIT	TRANSMITTER,INDICATING,TEMPERATURE	INST
TJI	INDICATOR,TEMPERATURE SCAN	INST
TJR	RECORDER,TEMPERATURE SCAN	INST
TQS	SWITCH,TORQUE	INST
TR	RECORDER,TEMPERATURE	INST
TRC	CONTROLLER,RECORDING,TEMPERATURE	INST
T/C	THERMOCOUPLE	INST
TS	SWITCH,TEMPERATURE	INST
TSH	SWITCH,TEMPERATURE,HIGH	INST
TSL	SWITCH,TEMPERATURE,LOW	INST
TT	TRANSMITTER,TEMPERATURE	INST
TV	VALVE,TEMPERATURE	INST
TY	RELAY,COMPUTING,SELECTING OR BOOSTER,TEMPERATURE	INST
UA	ALARM,UNIT	INST

INSTRUMENTS ONLY

UI	INDICATOR,UNIT	INST
UR	RECORDER,UNIT	INST
VC	CONTROLLER,VISCOSITY	INST
VE	VISCOSITY ELEMENT	INST
VI	INDICATOR,VISCOSITY	INST
VIC	CONTROLLER,INDICATING,VISCOSITY	INST
VM	VOLTMETER	INST
VR	RECORDER,VISCOSITY.	INST
VRC	CONTROLLER,RECORDING,VISCOSITY	INST
S	SWITCH,VISCOSITY	INST
VSH	SWITCH,VISCOSITY,HIGH	INST
VSL	SWITCH,VISCOSITY,LOW	INST
VSR	RELAY,VOLTAGE-SENSITIVE	INST
VT	TRANSMITTER,VISCOSITY	INST
VV	VALVE,VISCOSITY	INST
WCT	CONTROLLER,WEIGHT	INST
WCV	VALVE,CONTROL,WEIGHT,SELF ACTUATED	INST
WDE	WEIGHT DIFFERENTIAL ELECTRICAL	INST
WDP	WEIGHT DIFFERENTIAL PNEUMATIC	INST
WI	INDICATOR,WEIGHT	INST
WIC	CONTROLLER,INDICATING,WEIGHT	INST
WIT	TRANSMITTER,INDICATING,WEIGHT	INST
WM	WATTMETER	INST
WMI	INDICATOR,WATT	INST
WMR	RECORDER,WATT	INST
WMS	SWITCH,WATT	INST
WMX	COUNTER,WATT	INST
WR	RECORDER,WEIGHT	INST
WRC	CONTROLLER,RECORDING,WEIGHT	INST
WS	SWITCH,WEIGHT	INST
WSH	SWITCH,WEIGHT,HIGH	INST
WSL	SWITCH,WEIGHT,LOW	INST
WT	TRANSMITTER,WEIGHT	INST
WV	VALVE,WEIGHT	INST
XR	RECORDER	INST
ZC	CONTROLLER,POSITION	INST
ZDE	POSITION ELEMENT, DIFFERENTIAL (DIFF EXPANSION)	INST
ZDI	INDICATOR,POSITION DIFFERENTIAL	INST
ZDR	RECORDER,POSITION DIFFERENTIAL	INST
ZDT	TRANSMITTER,POSITION DIFFERENTIAL	INST
ZE	POSITION ELEMENT,PRIMARY	INST
ZI	INDICATOR,POSITION	INST
ZIC	CONTROLLER,INDICATING,POSITION	INST
ZR	RECORDER,POSITION	INST
ZRC	CONTROLLER,RECORDING,POSITION	INST
ZS	SWITCH,POSITION	INST
ZSH	SWITCH,POSITION,HIGH	INST
ZSL	SWITCH,POSITION,LOW	INST
ZT	TRANSMITTER,POSITION	INST
ZU	DRIVE,CONTROL	INST
ZUM	DRIVE,CONTROL,MOTOR DRIVEN	INST
ZUP	DRIVE CONTROL,PNEUMATIC	INST

